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(54) Title: CHEMICALLY-STABILIZED CHLORITE SOLUTIONS FOR TREATING CANCER AND OTHER DISEASES

(57) Abstract: Methods of using a stabilized chlorite matrix to modulate immune responses and treat cancer are disclosed. The stabilized chlorite matrix, when administered to a mammal in need thereof, can activate immune cells in a manner similar to interferon gamma but does not effect the production of inflammatory and shock related cytokines like tumor necrosis alpha. The stabilized chlorite matrix also upregulates the expression of the DCC protein in macrophages, a protein whose expression is related to neoplastic transformation. By activating macrophages, the stabilized chlorite matrix therefore is useful as an immunomodulatory agent and in treating cancer.